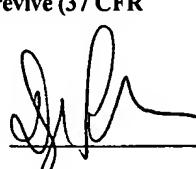


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		10873.1506USWO	
		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/511991	
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	
PCT/JP03/05669	May 6, 2003	May 15, 2002	
TITLE OF INVENTION			
PHOTODETECTOR, OPTICAL HEAD DEVICE, OPTICAL INFORMATION PROCESSING DEVICE, AND OPTICAL INFORMATION PROCESSING METHOD			
APPLICANT(S) FOR DO/EO/US			
KAMEI et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
<b>Items 11. to 16. below concern document(s) or information included:</b>			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.  <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (3 pages), Form 1449, 4 references, Communication Under 37 C.F.R. 1.32, WO 03/098702 A1, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409</p>			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>10/511991</b>	INTERNATIONAL APPLICATION NO. PCT/JP03/05669	ATTORNEY'S DOCKET NUMBER 10873.1506USWO		
17. [X] The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>		
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>				
Search Report has been prepared by the EPO or JPO..... \$950.00				
International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1)) ..... \$750.00				
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$790.00				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO..... \$1100.00				
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$100.00				
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$950.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$0		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	17	-20 = 0	X \$18.00	\$0
Independent claims	4	-3 = 1	X \$88.00	\$88.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$0
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$1,038.00		
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27		\$0		
<b>SUBTOTAL =</b>		\$1,038.00		
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$0		
<b>TOTAL NATIONAL FEE =</b>		\$1,038.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$40.00		
<b>TOTAL FEES ENCLOSED =</b>		\$1,078.00		
		Amount to be: refunded	\$0	
		charged	\$0	
<p>a. [X] Check(s) in the amount of <u>\$1,038.00</u> and <u>\$40.00</u> to cover the above fees are enclosed.</p> <p>b. [ ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u>.</p>				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903		 SIGNATURE: _____ NAME: Douglas P. Mueller REGISTRATION NUMBER: 30,300		

S/N Unknown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KAMEI et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	October 21, 2004	Docket No.:	10873.1506USWO
Title:	PHOTODETECTOR, OPTICAL HEAD DEVICE, OPTICAL INFORMATION PROCESSING DEVICE, AND OPTICAL INFORMATION PROCESSING METHOD		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 408493378 US  
Date of Deposit: October 21, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: \_\_\_\_\_  
Name: David Ortiz

COMMUNICATION UNDER 37 C.F.R. §1.32(c)(3)

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Pursuant to 37 C.F.R. §1.32 (c)(3) please appoint the following 10 practitioners named in the Power of Attorney to be recognized by the U.S. Patent Office as being of record in the above-identified application:

Brian H. Batzli (32,960)  
John A. Clifford (30,247)  
John J. Gresens (33,112)  
Curtis B. Hamre (29,165)  
Robert A. Kalinsky (50,471)

James A. Larson (40,443)  
Douglas P. Mueller (30,300)  
Joshua N. Randall (50,719)  
Michael D. Schumann (30,422)  
Gregory A. Sebald (33,280)

The undersigned was named on the Power of Attorney.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

By: \_\_\_\_\_  
Douglas P. Mueller  
Reg. No. 30,300

Dated: October 21, 2004

DPM/sbd



10/511991

DT05 Rec'd PCT/PTO 21 OCT 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KAMEI et al.  
 Docket: 10873.1506USWO  
 Title: PHOTODETECTOR, OPTICAL HEAD DEVICE, OPTICAL INFORMATION PROCESSING DEVICE, AND OPTICAL INFORMATION PROCESSING METHOD

## CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 408493378 US

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By:

Name: David Ortiz

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

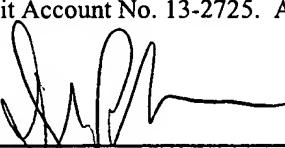
- Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 15 pgs; 17 claims; Abstract 1 pgs.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- 4 sheets of formal drawings
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to Matsushita Electric Industrial Co., Ltd., Recordation Form Cover Sheet
- A check in the amount of \$1038.00 to cover the Filing Fee
- A check for \$40.00 to cover the Assignment Recording Fee.
- Information Disclosure Statement, Form 1449, 4 reference(s).
- Application Data Sheet, 3 pages.
- Other: Form PTO-1390, Communication Under 37 C.F.R. §1.32(c)(3), International Publication Page, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409
- Return postcard

## CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
<b>Basic Filing Fee</b>				\$950.00
<b>Total Claims</b>				
17	-	20	= 0 x 18.00 =	\$0.00
<b>Independent Claims</b>				
4	-	3	= 1 x 88.00 =	\$88.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>				\$0.00
<b>TOTAL FILING FEE</b>				\$1038.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

By:

  
 Name: Douglas P. Mueller  
 Reg. No.: 30,300  
 Initials: DPM/sbd

MERCHANT & GOULD P.C.  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

23552

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

10/511991

DT05 Rec'd PCT/PTO 21 OCT 2004

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DOCKET NOTIFICATION SLIP

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**TO: PATENT DOCKETING**

Applicant: KAMEI et al.  
Title: PHOTODETECTOR, OPTICAL HEAD DEVICE, OPTICAL INFORMATION PROCESSING  
DEVICE, AND OPTICAL INFORMATION PROCESSING METHOD  
Docket: 10873.1506USWO

Express Mail No.: EV 408493378 US

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- Application Data Sheet, 3 pages.
- Other: Form PTO-1390, Communication Under 37 C.F.R. §1.32(c)(3), International Publication Page, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409
- Return postcard

DPM/sbd NO FF